

CSO/SWO Phase I  
Preliminary Data  
Received Week of 2/17/14

ANALYTE	UNITS	PR104WWFB	LQ	VQ	PR109CFFB	LQ	VQ	PR110CFRB	LQ	VQ
2,3,7,8-TCDD	pg/g	0.148	U		0.146	U		0.387	G	
1,2,3,7,8-PeCDD	pg/g	0.200	U		0.260	U		0.266	U	
1,2,3,4,7,8-HxCDD	pg/g	0.337	U		0.455	U		0.212	U	
1,2,3,6,7,8-HxCDD	pg/g	0.696	U		0.481	U		0.405	U	
1,2,3,7,8,9-HxCDD	pg/g	0.794	U		0.521	U		0.435	U	
1,2,3,4,6,7,8-HpCDD	pg/g	0.720	U		1.06	U		0.374	EMPC	
OCDD	pg/g	0.869	G		0.699	U		1.38	G	
2,3,7,8-TCDF	pg/g	0.138	U		0.137	U		0.111	U	
1,2,3,7,8-PeCDF	pg/g	0.212	U		0.242	U		0.205	U	
2,3,4,7,8-PeCDF	pg/g	0.205	U		0.221	U		0.194	U	
1,2,3,4,7,8-HxCDF	pg/g	0.126	U		0.123	U		0.243	EMPC	
1,2,3,6,7,8-HxCDF	pg/g	0.136	U		0.133	U		0.132	U	
2,3,4,6,7,8-HxCDF	pg/g	0.0876	U		0.0684	U		0.161	U	
1,2,3,7,8,9-HxCDF	pg/g	0.129	U		0.0973	U		0.240	U	
1,2,3,4,6,7,8-HpCDF	pg/g	0.330	U		0.232	U		1.02	G	
1,2,3,4,7,8,9-HpCDF	pg/g	0.146	U		0.146	U		0.282	U	
OCDF	pg/g	0.435	U		0.425	U		3.73	G	
Total TCDD	pg/g	0.148	U		0.146	U		0.387		
Total PeCDD	pg/g	0.294	U		0.423	U		0.266	U	
Total HxCDD	pg/g	0.929	U		0.678	U		0.371	EMPC	
Total HpCDD	pg/g	1.52	U		1.06	U		0.461		
Total TCDF	pg/g	0.138	U		0.137	U		0.205	U	
Total PeCDF	pg/g	0.452	U		0.497	U		0.313	U	
Total HxCDF	pg/g	0.159	U		0.157	U		0.381	EMPC	
Total HpCDF	pg/g	0.334	U		0.240	U		1.02		

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PCB-1	pg/g	0.499	G		2.07			1.16		
PCB-2	pg/g	0.721	U		2.26			0.808	G	
PCB-3	pg/g	0.704	U		1.91			0.718	G	
PCB-4/10	pg/g	2.04	U		3.36			2.41		
PCB-5/8	pg/g	3.35			6.89			7.24		
PCB-6	pg/g	1.63	U		1.61	G		1.30	G	
PCB-7/9	pg/g	1.61	U		1.32	U		1.62	U	
PCB-11	pg/g	6.20	B		11.8	B		10.9	B	
PCB-12/13	pg/g	1.76	U		2.49			3.21		
PCB-14	pg/g	1.47	U		1.26	U		1.10	U	
PCB-15	pg/g	1.72	U		1.73			2.25		
PCB-16/32	pg/g	1.74			3.75			3.68		
PCB-17	pg/g	1.08			2.34			2.39		
PCB-18	pg/g	3.32			6.35			6.11		
PCB-19	pg/g	0.334	U		0.891	G		0.771	G	
PCB-20/21/33	pg/g	2.04			4.36			4.64		
PCB-22	pg/g	0.932	EMPC		2.09			2.30		
PCB-23	pg/g	0.219	U		0.212	U		0.230	U	
PCB-24/27	pg/g	0.221	U		0.771	G		0.626	G	
PCB-25	pg/g	0.240	U		0.502	G		0.626	G	
PCB-26	pg/g	0.532	G		1.36			1.25		
PCB-28	pg/g	2.42			5.20			5.73		
PCB-29	pg/g	0.240	U		0.231	U		0.252	U	
PCB-30	pg/g	0.222	U		0.214	U		0.205	U	
PCB-31	pg/g	2.83			5.90			6.04		
PCB-34	pg/g	0.244	U		0.235	U		0.256	U	
PCB-35	pg/g	0.257	U		0.282	U		0.320	EMPC	
PCB-36	pg/g	0.253	U		0.278	U		0.261	U	
PCB-37	pg/g	0.549	G		1.13			1.64		
PCB-38	pg/g	0.241	U		0.265	U		0.250	U	
PCB-39	pg/g	0.244	U		0.268	U		0.252	U	
PCB-40	pg/g	0.331	U		0.524	G		0.606	G	
PCB-41/64/71/72	pg/g	1.13			1.92			2.57		
PCB-42/59	pg/g	0.616	G		0.817	G		1.04		
PCB-43/49	pg/g	1.09			2.09			2.82		

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PCB-44	pg/g	1.55		2.47		3.40	
PCB-45	pg/g	0.421	G	0.653	G	0.753	G
PCB-46	pg/g	0.318	U	0.424	G	0.386	G
PCB-47	pg/g	1.12		1.53		1.88	
PCB-48/75	pg/g	0.419	G	0.577	G	0.734	G
PCB-50	pg/g	0.245	U	0.224	U	0.190	U
PCB-51	pg/g	0.237	U	0.422	G	0.422	G
PCB-52/69	pg/g	1.55	EMPC	3.80		3.63	
PCB-53	pg/g	0.432	G	0.598	G	0.594	G
PCB-54	pg/g	0.184	U	0.169	U	0.143	U
PCB-55	pg/g	0.189	U	0.180	U	0.148	U
PCB-56/60	pg/g	0.689	G	0.785	EMPC	1.95	
PCB-57	pg/g	0.176	U	0.168	U	0.139	U
PCB-58	pg/g	0.186	U	0.178	U	0.146	U
PCB-61/70	pg/g	1.07		1.91		2.80	
PCB-62	pg/g	0.194	U	0.176	U	0.147	U
PCB-63	pg/g	0.180	U	0.172	U	0.142	U
PCB-65	pg/g	0.193	U	0.175	U	0.146	U
PCB-67	pg/g	0.195	U	0.186	U	0.153	U
PCB-68	pg/g	0.175	U	0.158	U	0.196	G
PCB-73	pg/g	0.191	U	0.171	U	0.143	U
PCB-74	pg/g	0.467	G	0.666	G	1.09	
PCB-76/66	pg/g	0.762	G	1.18		1.82	
PCB-77	pg/g	0.231	U	0.236	U	0.169	U
PCB-78	pg/g	0.207	U	0.206	U	0.170	U
PCB-79	pg/g	0.201	U	0.192	U	0.158	U
PCB-80	pg/g	0.169	U	0.161	U	0.133	U
PCB-81	pg/g	0.180	U	0.180	U	0.148	U
PCB-82	pg/g	0.953	U	0.807	U	0.643	U
PCB-83	pg/g	0.545	U	0.467	U	0.604	U
PCB-84/92	pg/g	0.714	U	0.858	G	1.14	
PCB-85/116	pg/g	0.634	U	0.543	U	0.702	U
PCB-86	pg/g	0.842	U	0.721	U	0.932	U
PCB-87/117/125	pg/g	0.552	U	0.561	EMPC	0.971	G
PCB-88/91	pg/g	0.714	U	0.596	U	0.761	U

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PCB-89	pg/g	0.734	U	0.633	U	0.797	U
PCB-90/101	pg/g	0.960	G	1.64		2.54	
PCB-93	pg/g	0.696	U	0.581	U	0.742	U
PCB-94	pg/g	0.702	U	0.586	U	0.748	U
PCB-95/98/102	pg/g	1.04		2.04		2.18	
PCB-96	pg/g	0.489	U	0.412	U	0.539	U
PCB-97	pg/g	0.680	U	0.582	U	0.905	G
PCB-99	pg/g	0.595	U	0.663	G	1.02	
PCB-100	pg/g	0.529	U	0.445	U	0.582	U
PCB-103	pg/g	0.568	U	0.478	U	0.625	U
PCB-104	pg/g	0.415	U	0.349	U	0.457	U
PCB-105	pg/g	0.311	U	0.357	U	0.644	G
PCB-106/118	pg/g	0.563	U	0.688	G	1.60	
PCB-107/109	pg/g	0.553	U	0.469	U	0.373	U
PCB-108/112	pg/g	0.657	U	0.563	U	0.728	U
PCB-110	pg/g	0.707	G	1.47		2.24	
PCB-111/115	pg/g	0.490	U	0.419	U	0.543	U
PCB-113	pg/g	0.523	U	0.451	U	0.567	U
PCB-114	pg/g	0.265	U	0.318	U	0.416	U
PCB-119	pg/g	0.488	U	0.418	U	0.541	U
PCB-120	pg/g	0.478	U	0.410	U	0.530	U
PCB-121	pg/g	0.471	U	0.393	U	0.502	U
PCB-122	pg/g	0.295	U	0.354	U	0.462	U
PCB-123	pg/g	0.594	U	0.503	U	0.400	U
PCB-124	pg/g	0.529	U	0.448	U	0.357	U
PCB-126	pg/g	0.390	U	0.433	U	0.565	U
PCB-127	pg/g	0.336	U	0.419	U	0.508	U
PCB-128/162	pg/g	0.380	U	0.446	U	0.338	U
PCB-129	pg/g	0.456	U	0.559	U	0.418	U
PCB-130	pg/g	0.410	U	0.536	U	0.393	U
PCB-131	pg/g	0.423	U	0.522	U	0.376	U
PCB-132/161	pg/g	0.328	U	0.404	U	0.665	G
PCB-133/142	pg/g	0.404	U	0.499	U	0.359	U
PCB-134/143	pg/g	0.398	U	0.491	U	0.353	U
PCB-135	pg/g	0.633	U	0.550	U	0.584	U

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PCB-136	pg/g	0.450	U	0.392	U	0.415	U
PCB-137	pg/g	0.351	U	0.460	U	0.337	U
PCB-138/163/164	pg/g	0.552	G	0.611	G	1.77	
PCB-139/149	pg/g	0.534	EMPC	0.905	G	1.38	EMPC
PCB-140	pg/g	0.629	U	0.546	U	0.580	U
PCB-141	pg/g	0.377	U	0.494	U	0.611	G
PCB-144	pg/g	0.591	U	0.514	U	0.545	U
PCB-145	pg/g	0.408	U	0.354	U	0.376	U
PCB-146/165	pg/g	0.310	U	0.382	U	0.280	G
PCB-147	pg/g	0.575	U	0.500	U	0.530	U
PCB-148	pg/g	0.571	U	0.497	U	0.527	U
PCB-150	pg/g	0.419	U	0.364	U	0.386	U
PCB-151	pg/g	0.613	U	0.533	U	0.566	U
PCB-152	pg/g	0.409	U	0.356	U	0.377	U
PCB-153	pg/g	0.531	EMPC	0.720	EMPC	1.97	
PCB-154	pg/g	0.531	U	0.462	U	0.490	U
PCB-155	pg/g	0.390	U	0.339	U	0.360	U
PCB-156	pg/g	0.359	U	0.430	U	0.332	U
PCB-157	pg/g	0.394	U	0.462	U	0.359	U
PCB-158/160	pg/g	0.310	U	0.380	U	0.363	G
PCB-159	pg/g	0.345	U	0.405	U	0.308	U
PCB-166	pg/g	0.335	U	0.393	U	0.298	U
PCB-167	pg/g	0.356	U	0.410	U	0.298	U
PCB-168	pg/g	0.273	U	0.337	U	0.242	U
PCB-169	pg/g	0.438	U	0.514	U	0.420	U
PCB-170	pg/g	0.357	U	0.377	U	0.544	U
PCB-171	pg/g	0.320	U	0.358	U	0.420	U
PCB-172	pg/g	0.357	U	0.400	U	0.469	U
PCB-173	pg/g	0.381	U	0.427	U	0.500	U
PCB-174	pg/g	0.318	U	0.356	U	1.25	EMPC
PCB-175	pg/g	0.307	U	0.327	U	0.348	U
PCB-176	pg/g	0.223	U	0.238	U	0.253	U
PCB-177	pg/g	0.343	U	0.384	U	0.450	U
PCB-178	pg/g	0.325	U	0.347	U	0.368	U
PCB-179	pg/g	0.231	U	0.246	U	0.571	G

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PCB-180	pg/g	0.313	U	0.350	U	2.41	
PCB-181	pg/g	0.308	U	0.346	U	0.405	U
PCB-182/187	pg/g	0.285	U	0.602	G	1.22	EMPC
PCB-183	pg/g	0.277	U	0.296	U	0.431	EMPC
PCB-184	pg/g	0.240	U	0.256	U	0.272	U
PCB-185	pg/g	0.319	U	0.357	U	0.418	U
PCB-186	pg/g	0.224	U	0.239	U	0.254	U
PCB-188	pg/g	0.206	U	0.219	U	0.233	U
PCB-189	pg/g	0.280	U	0.299	U	0.309	U
PCB-190	pg/g	0.255	U	0.270	U	0.389	U
PCB-191	pg/g	0.261	U	0.292	U	0.342	U
PCB-192	pg/g	0.273	U	0.306	U	0.358	U
PCB-193	pg/g	0.254	U	0.285	U	0.334	U
PCB-194	pg/g	0.539	U	0.733	U	0.840	EMPC
PCB-195	pg/g	0.540	U	0.735	U	0.330	U
PCB-196/203	pg/g	0.616	U	0.791	U	0.807	EMPC
PCB-197	pg/g	0.482	U	0.619	U	0.691	U
PCB-198	pg/g	0.691	U	0.888	U	0.878	U
PCB-199	pg/g	0.643	U	0.826	U	0.728	EMPC
PCB-200	pg/g	0.499	U	0.641	U	0.716	U
PCB-201	pg/g	0.471	U	0.605	U	0.675	U
PCB-202	pg/g	0.478	U	0.615	U	0.686	U
PCB-204	pg/g	0.508	U	0.652	U	0.727	U
PCB-205	pg/g	0.448	U	0.609	U	0.274	U
PCB-206	pg/g	0.548	U	0.851	U	0.481	G
PCB-207	pg/g	0.306	U	0.430	U	0.329	U
PCB-208	pg/g	0.295	U	0.415	U	0.317	U
PCB-209	pg/g	0.505	U	0.776	U	2.19	